



Raising expectations





## SD11 – Raising expectations

The SD11 is a compact 19 inch rackmount or table top mixer. By simply removing the end cheeks and armrest, 19" rack fixings are revealed, making this low cost, yet powerful solution straightforward to incorporate into almost any mixing environment.

The SD11 comes at an astoundingly low price point yet, by employing the power of DiGiCo's Stealth Digital Processing™ and the flexibility of a true FPGA-based digital audio console, it maintains the very highest audio quality and best facilities.

The release of a set of software/firmware upgrades now means that this versatile solution is available in three configurations: SD11, SD11i and SD11B.

The expanded SD11i has more Flexi-channels, more Dynamic EQ, for FX processing and the addition of DiGiTuBes and Multichannel inputs (previously only

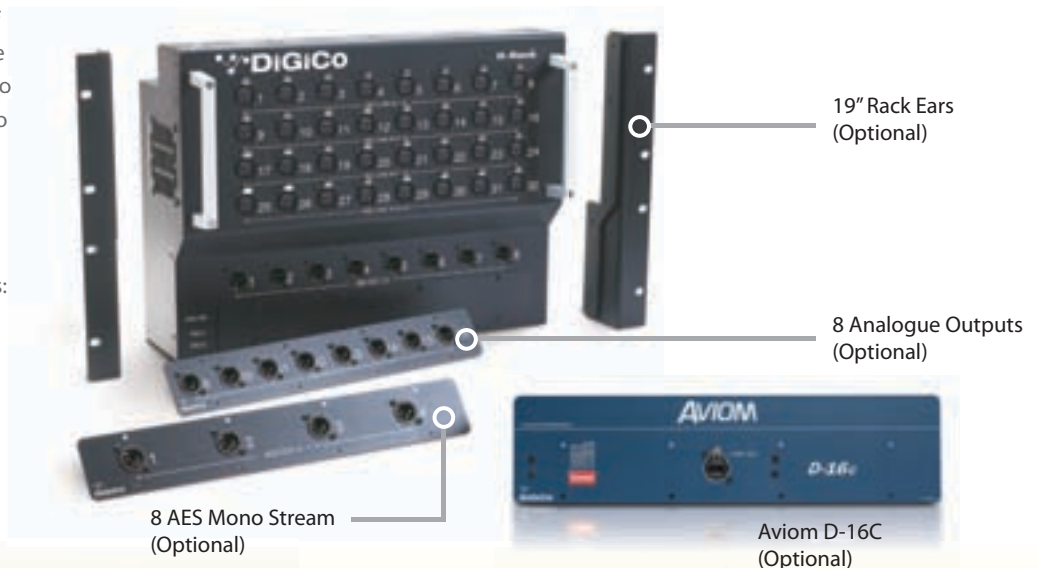
available on the SD7); whilst the top of the range SD11B's application specific extension makes it ideal for the broadcast market and also includes the SD11i software.

Both the SD11 and SD11i have the ability to be upgraded at any time.

### DiGiCo D-Rack

- 32 Mic in 8 Analogue Out, showing optional 8 AES Mono
- Stream Outputs, 8 Analogue Outputs, Aviom card and 19" Rack Ears

### Optional D-Rack 32 Mic in 8 Analogue Out







Feature	SD11	SD11i	SD11B
Input Channels	32 (inc 8 Flexi)	32 Flexi	32 Flexi
Busses / Aux / Group	12 Flexi Configurable + LR or LCR Master	12 Flexi Configurable + LR or LCR Master	12 Flexi Configurable + LR or LCR or LCRS or 5.1 Master
Solo Busses	2	2	2
Matrix	8x8	8x8	8x8
Master	LR/LCR	LR/LCR	LR/LCR/LCRS/5.1
Dynamic EQ	4	6	6
Multiband Comp	4	6	6
DiGiTuBes	0	6	6
FX	4 Stereo	6 Stereo	6 Stereo
GEQ	12 x 31 Band	12 x 31 Band	12 x 31 Band
CG	8	8	8
Multi Inputs	Yes	Yes	Yes
Set Spill	Yes	Yes	Yes
Macros	8	8	8
Insert Points	1 (Switchable pre or post channel processing)	1 (Switchable pre or post channel processing)	1 (Switchable pre or post channel processing)
Faders	12	12	12
MADI	1 x BNC Redundant pair	1 x BNC Redundant pair	1 x BNC Redundant pair
DiGiCo CAT5 Audio I/F	1	1	1
PSU	1	1	1

# SD11 – Raising expectations

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Manufactured with a steel chassis for strength and a polycarbonate-overlaid, aluminium work surface for reduced weight, all SD11s feature 12 touch sensitive moving faders below a 15" touch sensitive screen, making the SD11 as simple to use at speed as any other DiGiCo console.

16 Microphone pre amps, eight line outputs and two mono AES I/O are provided, in addition to which users have the option to connect a DiGiCo D-Rack to the CAT5E port. This provides a remote I/O rack frame with an additional 32 Microphone inputs and up to 16 outputs.

Further connections are a MADI port, GPI/O, MIDI, Overview screen output, Word Clock I/O, an Ethernet port for console remote control / networking and a USB port for file exchange and session backup.

The SD11 features 32 input channels with full processing, eight of which can be configured as full Flexi Channels (32 Flexi channels on the SD11i and SD11B). All inputs have dual mono inputs for fast 'Main' and 'Alt' channel switching, which are ideal for corporate events where a large number of spare microphones may be required.

Standard input channel processing includes channel delay; single and multi channel presets; HPF and LPF, with an industry leading 24db per octave; four bands of parametric EQ with band curve selection; compressor and gate; moveable insert point and access to all bussing.

Standard output channel processing includes output delay; four bands of parametric EQ; filtering; compressor and gate; moveable insert point; groups with

buss to buss routing; and Auxes that have direct talk to output with dim control for fast monitor communication.

Dynamic EQ provides both expansion and compression on all four bands of the parametric EQ (six on the SD11i and SD11B). These powerful processors can be assigned to any of the input or output channels, whether they are Mono, stereo or LCR and four units can be allocated as required. Multi-band compressors are also installed, giving the user extended dynamic control of any input or output channel. Again, four units (six on the SD11i and SD11B) can be positioned on either input or output channels.

One of the more unusual features for a digital console with the SD11's small footprint is that it has 12 Flexi Busses, which can be user configured as either mono or stereo. In its maximum configuration these could be used as 12 stereo mixes - equal to a remarkable 24 busses.

As well as this already substantial bussing resource, an additional stereo or LCR Master buss (LCR, LCRS or 5.1 Master in the case of the SD11B) and 8x8 output matrix is provided, facilitating the SD range's renowned routing flexibility. Eight control groups (VCAs) are also provided for faster access to multiple channels and busses, user and snapshot configured for ultimate show control. Dual solo busses are also provided, making the SD11 well suited to managing Front of House and Monitoring tasks alike.

An unlimited amount of Snapshots can be saved and recalled, with user defined recall

scopes being set globally, per snapshot or per channel function. Additional tools include feature-defined crossfade, sequence fire, MIDI control and a Snapshot notes panel.

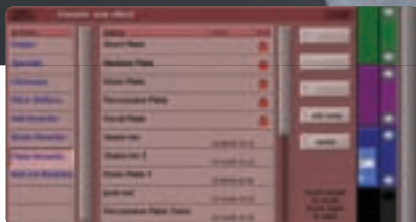
In addition to the SD11's core processing functions, insertable Stealth stereo FX and 12 graphic EQs can be routed, controlled and even snapshot recalled for the most complex show design. Four Stealth stereo FX units (six on the SD11i and SD11B) can be configured at any time from the palette of thirty-three effects.

All SD Series consoles integrate with Waves plugins. Unlike any other Sound Grid platform, DiGiCo provides complete control of plugin parameters, as well as recall of snapshots and single loading and saving, directly from the console's surface. Sixteen stereo Sound Grid racks can be inserted, with up to eight plugins in each rack.

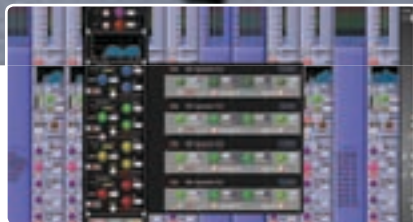
Like all DiGiCo consoles, the SD11 software runs on a standard PC or Intel-based Macintosh for offline preparation and remote control of the console. One SD11 can also be linked to another, using a standard CAT5 crossover cable, providing 24 faders for control. In this configuration, the audio engine of the first SD11 provides complete redundancy for the other.

A final important facility is that advanced security options can be configured to protect console settings from accidental or unwanted change. These can also be password protected, making it possible to vary the amount of user parameter control.





- › Build your FX racks simply using the central touch screen and select from a wide range of powerful, built in, natural sound effects including reverbs, delays, choruses, pitch shifting and more.

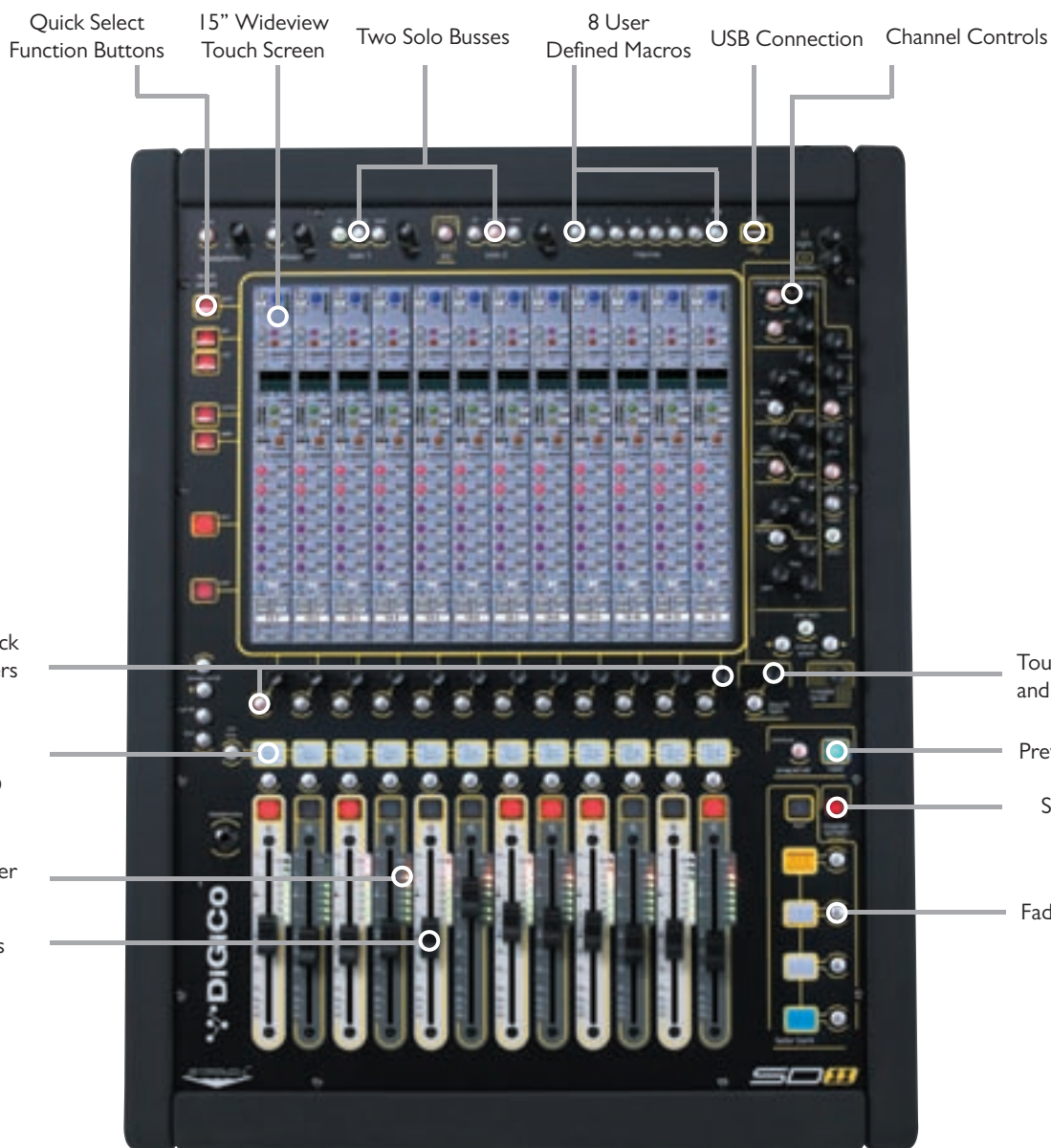


- › Dynamic EQ is perfect for dealing with those troublesome frequencies that only rear their head as the band really get going. Control the high-mid on an electric guitar as the passion of the solo starts to become uncomfortable or deal with unexpected sibilance on a vocal mic automatically.

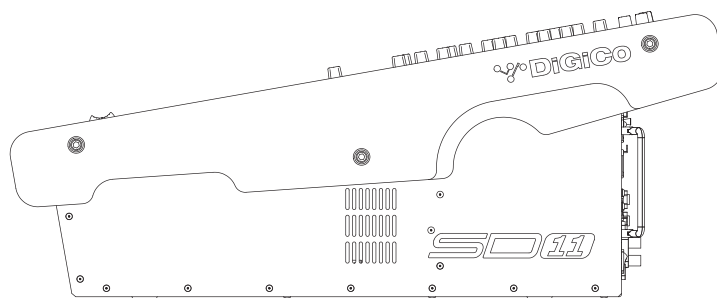
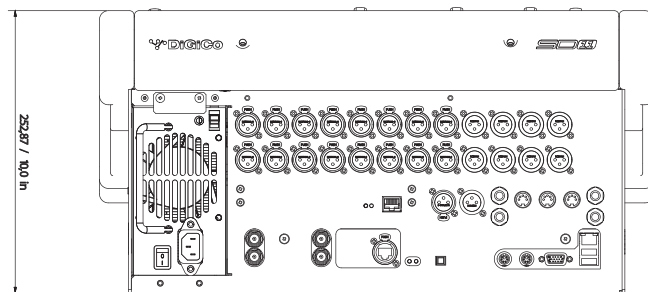
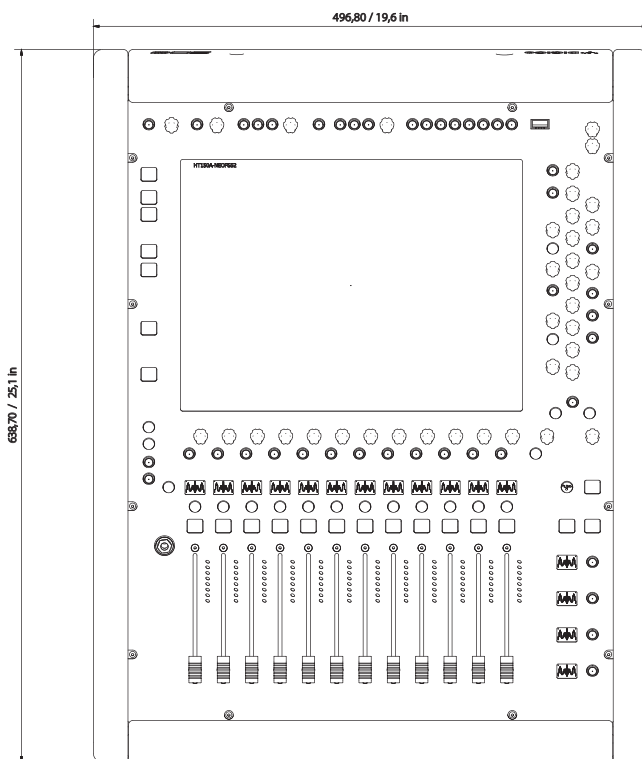


- › Multi-band compression is perfect for use with in ear monitor mixes, keeping the artist safe from damaging high frequencies or just smoothing out the tonal balance of the mix simply and effectively allowing you to concentrate on mixing the show.

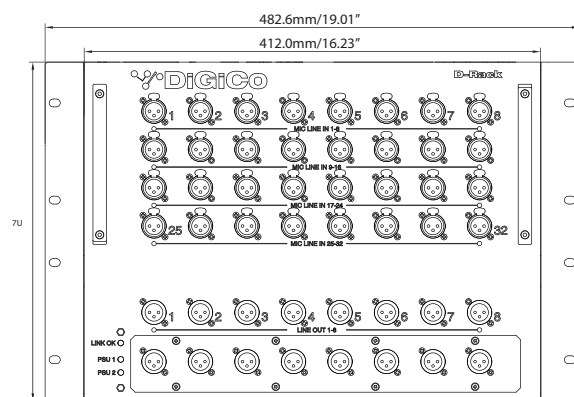




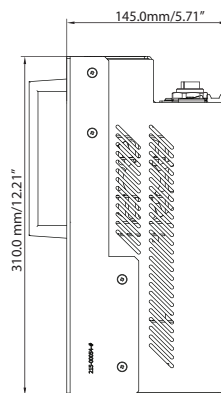
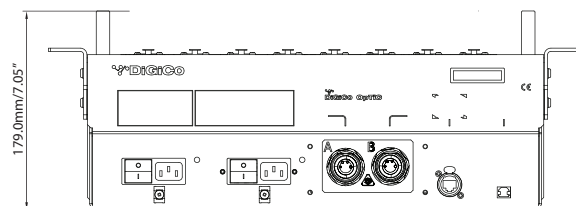
## SD11 Line Drawings



## D-Rack Line Drawings



## D-Rack Line Drawings



### Physical

- Weights and Dims  
SD11: 24KGS. 483W 577D 232H
- Weights and Dims  
D-RACK: 7.4KGS. 412W 312D 179H



## Company Profile

The Ultimate in Digital Consoles



**Concert Sound**  
*(U2 360° Tour)*

When the professional audio world first set eyes on the DiGiCo D5 Live there was a collective sharp intake of breath. Here was the digital mixing console that gave you the best of analogue working practices and audio finesse with all the versatility and feature richness that the digital environment could offer.

A decade on, the SD Series is the new standard setter and its fast, engineer friendly user interface has yet to be beaten. And to many engineers it continues to offer the optimum sonic combination of analogue smoothness and digital clarity.

But expectations continue to rise. In a world as competitive for engineers as it is for console owners, you want the best tools you can lay your hands on. You also want a console as well



**Permanent Install**  
*Wolftrap Arts Centre*

thought out for every major application as it is designed for the art and science of sound engineering.

Above all, you want to do more. That's why we've added yet more depth and versatility to the SD Series, in which the DiGiCo SD7 is complemented by the compact SD8, the ultra compact SD9 and rackmount SD11 and, now, the powerful SD Ten and SD Ten B.

What Makes the SD Series different from the D Series and other digital consoles?

The SD Series gives you more. More power, more flexibility and more creativity, wrapped in frames which are more serviceable, more compact and more user-friendly than ever. Selected features include:



**Houses of Worship**  
*Gateway Church Southlake Texas*

**All audio processing on one chip Stealth Digital Processing™**  
From input to output all the audio processing on an SD Series console is carried out on one chip using Super FPGA technology with floating-point processing, resulting in enhanced clarity, unique sound characteristics and a smaller console footprint.

**The Power of Waves** The SD Series is the world's first range of digital mixers to offer the power of Waves SoundGrid as a fully integrated option, complementing the array of built-in Stealth digital effects.

**Slicker Interface** With 15inch touch screen LCD TFT technology and user defined RGB back lit LCD scribble strips delivering uninterrupted user feedback.



**Musical Theatre**  
*Mother Courage*

**Advanced Software UI Building**  
On the fine qualities of over 20 years of digital development, our engineers have delivered a user experience that's even faster, easier and more productive than ever.

After the briefest introduction it's clear that the DiGiCo range was designed for audio engineers by audio engineers.



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